

Copy 10/1/03

FACSIMILE COVER SHEET

BIOGEN, INC.
Legal Department
14 Cambridge Center
Cambridge, MA 02142
Tel: 617-679-2000
Fax: 617-679-2838

FAX RECEIVED

JUL 31 2003

GROUP 1600

TO: Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTN: Examiner Fozia M. Hamud
Art Group Unit: 1647

FAX NO: (703) 872-9306

FROM: Kathleen Philpot
Patent Assistant

DATE SENT: July 30, 2003

RE: U.S. Patent Application No. 09/832,658
Applicant: Pepinsky et al.
Attorney Docket No. A065 US

/0 PAGES FOLLOW

This facsimile is intended only for the use of the addressee and may contain legally privileged and confidential information. If you have received this communication in error, please immediately notify us by telephone to arrange for the return of this communication.

Attorney Docket No. A065 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

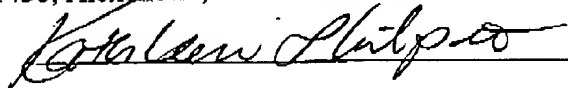
Applicant: Blake Perkins et al. Art Unit: 1647
Application No.: 09/832,658 Examiner: Fozia M. Hamud
Filed: April 11, 2001
Title: POLYMER CONJUGATES OF INTERFERON BETA-1a AND USES

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Facsimile

I hereby certify under 37 CFR 1.8(a) that this correspondence is being transmitted by facsimile on the date indicated below and is addressed: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

30 July 2003
Date



REVOCATION OF PRIOR POWERS OF ATTORNEY
AND APPOINTMENT OF NEW POWER OF ATTORNEY

BIOGEN, INC., the Assignee of the entire right, title and interest in the above identified application by virtue of an executed Assignment document recorded in the U.S. Patent and Trademark Office for U.S. Serial No. 09/832,658 on February 5, 2002, on Reel/Frame 012674/0247, hereby revokes all Power of Attorney with respect to that application heretofore granted and appoints the below listed attorney with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

Applicant: Blake Pepinsky et al.
Application No.: 09/832,658
Filed: April 11, 2001
Page 2 of 3

Docket No. A065 US

Raymond G. Arner, Reg. No. 32,958

Allan A. Brookes, Reg. No. 36,373

Gary L. Creason, Reg. No. 34,310

John T. Li, Reg. No. 44,210

Timothy P. Linkkila, Reg. No. 40,702

Niki D. Cox, Reg. No. 42,446

of BIOGEN, INC., 14 Cambridge Center, Cambridge, MA 02142, United States of America,
and

Beth E. Arnold, Reg. No. 35,430

Isabelle M. Clauss, Reg. No. 47,326

William D. DeVaul, Reg. No. 42,483

Gillian M. Fenton, Reg. No. 36,508

Robert W. Gauthier, Reg. No. 35,153

Dana M. Gordon, Reg. No. 44,719

Scott E. Kamholz, Reg. No. 48,548

Lauren T Knapp, Reg. No. 45,605

Kevin A. Oliver, Reg. No. 42,049

Philip C. Swain, Reg. No. 32,376

John L. Welch, Reg. No. 28,129

Eva O. Zei, Reg. No. P-54,344

Elias C. Bebrakis, Reg. No. 47,416

Stephen B. Deutsch, Reg. No. 46,663

Michael J. DiVerdi, Reg. No. P-51,620;

James Flaherty, Reg. No. 52,895

Jason Gish, Reg. No. 42,581

Jennifer K. Holmes, Reg. No. 46,778

Theresa C. Kavanaugh, Reg. No. 50,356;

Carla M. Levy, Reg. No. P-54,267

Jeffrey M. Sears, Reg. No. 48,440

Kingsley L. Taft, Reg. No. 43,946

Jennifer A. Zarutskie, Reg. No. 50,558

of FOLEY HOAG LLP, 155 Seaport Boulevard, Boston, MA 02210, United States of
America.

Pursuant to 37 CFR 3.73(b), a copy of the executed assignment submitted for
recording is attached hereto as evidence of the chain of title from the original owners to the
assignee.

Applicant: Blake Pepinsky et al.
Application No.: 09/832,658
Filed: April 11, 2001
Page 3 of 3

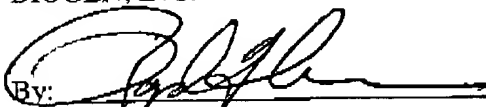
Docket No. A065 US

Please send all correspondence relating to the above patent application to: Customer
ID No.: 25181

Patent Group
FOLEY HOAG LLP
155 Seaport Boulevard
Boston, MA 02210-2600

Telephone: (617) 834-1000
Facsimile: (617) 832-7000

BIOGEN, INC.

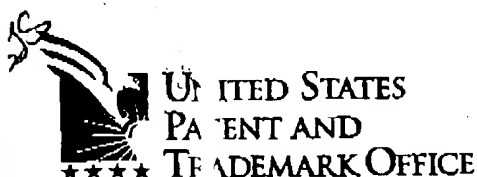
By: 

Typed Name: Raymond G. Arner

Title: Vice President, Chief Intellectual Property Counsel

Dated: 29 July 2003

13571



COPY

MAY 9, 2002

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

MINTZ, LEVIN, COHN, FERRIS, ET AL.
IVOR R. ELRIFI
ONE FINANCIAL CENTER
BOSTON, MA 02111

PTAS

RECEIVED

MAY 13 2002



102022976A

MINTZ LEVIN, BOSTON
PATENT DOCKET DEPT.

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/05/2002

REEL/FRAME: 012674/0247
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEPINSKY, BLAKE

DOC DATE: 01/03/2002

ASSIGNOR:

BUNKEL, LAURA

DOC DATE: 01/03/2002

ASSIGNOR:

TICKELMAIER, MARGOT

DOC DATE: 01/04/2002

ASSIGNOR:

WHITTY, ADRIAN

DOC DATE: 01/03/2002

ASSIGNOR:

BOCHMAN, PAULA

DOC DATE: 01/04/2002

ASSIGNEE:

HIOGEN, INC.

4 CAMBRIDGE CENTER

INTELLECTUAL PROPERTY DEPARTMENT

CAMBRIDGE, MASSACHUSETTS 02142

00689-514 CON

<input checked="" type="checkbox"/> Data Entry	Done By <i>MC</i>
<input type="checkbox"/> Docket Entry	
<input type="checkbox"/> Docket Cross Off	
<input type="checkbox"/> Previously Entered	
<input type="checkbox"/> No Docketing Req.	
<input type="checkbox"/> ELITE	
<input type="checkbox"/> Annulles	

012674/0 47 PAGE 2

SERIAL NUMBER: 09832658
PATENT NUMBER:

FILING DATE: 04/11/2001
ISSUE DATE:

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Express Mail Label No.: EK005153048US
Date of Deposit: February 5, 2002

03-19-2002

APPLICATION
9-514 (A065US)

OFFICE OF PUBLIC RECORDS

RECORDATION FORM CC

2002 FEB -5 PM 2:00

102022976

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

FINANCE SECTION

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Blake Pepinsky (executed 1/3/02)
Laura Runkel (executed 1/3/02)
Margot Brickelmaier (executed 1/4/02)
Adrian Whitty (executed 1/3/02)
Paula Hochman (executed 1/4/02)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: See above

2. Name and address of receiving party(ies)

Name: Biogen, Inc.

Internal Address: Intellectual Property Department

Street Address: 14 Cambridge Center
Cambridge, MA 02142

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No(s):

09/832,658 filed April 11, 2001

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. R. Ehrli
Address: MINTZ, LEVIN, COHN, FERRIS
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, MA 02111

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)

\$40.00

- ☒ Enclosed
☐ The Commissioner is authorized to charge Deposit Account
No: 50-0311, Reference No: _____

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Naomi S. was

Naomi S. was

February 5, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: [5]

Mail documents to be recorded with required cover sheet information to:

BOX ASSIGNMENT
Assistant Commissioner for Patents
Washington, D.C. 20231

02/18/2002 6:04:11 0000171 09832658

01 FCISA1

40.00 DP

TRA 1626476v1

Express Mail Label No.: **EK005153048US**Date of Deposit: **2/5/02**

Attorney Docket No. 00689-514 (A065US)

ASSIGNMENT

We, **Blake Pepinsky, Laura Runkel, Margot Brickelmaier, Adrian Whitty and Paula Hochman**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Biogen, Inc.**, with offices at 14 Cambridge Center, Cambridge, MA 02142, and its successors, assigns and legal representatives, all hereinafter referred to as the **ASSIGNEE**: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

POLYMER CONJUGATES OF INTERFERON BETA-1a AND USES

filed with the U.S. Patent and Trademark Office on April 11, 2001 and assigned Serial No. 09/832,658, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the **ASSIGNEE**, its designee, or in my/our names at the **ASSIGNEE**, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the **ASSIGNEE** of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the **ASSIGNEE**, to execute and to deliver to the **ASSIGNEE** any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexamination and extensions thereof.

We further agree at any time to execute and to deliver upon request of the **ASSIGNEE** such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the **ASSIGNEE** under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

U.S.S.N. 09/832,658
Filed: April 11, 2001

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 1/3/02

Blake Pepinsky
Blake Pepinsky

State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 3rd day of January 2002.

Patricia A. Hyatt
Notary Public

My commission expires May 19, 2006.

Date: 1/3/02

Laura Runkel
Laura Runkel

State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 3rd day of January 2002.

Patricia A. Hyatt
Notary Public

My commission expires May 19, 2006.

U.S.S.N. 09/832 658
Filed: April 11, 2001

Date:

Margot Brickelmaier
Margot Brickelmaier

State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 4th day of January 2002

Patricia A. Hoffstetter
Notary Public

My commission expires May 19, 2006

Date: January 3, 2002

Adrian Whitty
Adrian Whitty

State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 3rd day of January 2002

Patricia A. Hoffstetter
Notary Public

My commission expires May 19, 2006

U.S.S.N. 09/832,658
Filed: April 11, 2001

Date: 1/4/02

Paula Hochman
Paula Hochman

State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 4th day of January 2002.

Dorinda A. Hefelt
Notary Public

My commission expires May 19, 2006.

TRA 1611333v1